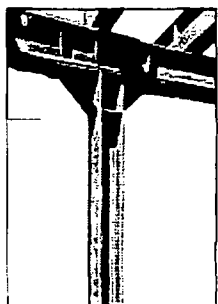


5-28-91
12-380-5

A 152



**BAUGH
Industrial**

900 Poplar Place S. • P.O. Box C14135 • Seattle, Washington 98114 • (206) 726-8000

TRANSMITTAL RECORD

To: Ash Grove Cement West Date 5/28/91
attn. Ken Rone Job AGCW
Location Seattle, WA

We are sending: ☒ Attached
☐ Separate cover by _____

Vendor: Dept. of Ecology

Quantity	Drawing No.	Description
<u>1 Ea.</u>	<u>-</u>	<u>Temp. Modification of Water Quality</u> <u>ORDER No. DE 91-N169</u>

____ For approval
☒ For your use & information.
____ Per your request
____ Approved as noted
____ Not approved; please resubmit

Remarks: Ken,

The attached is in regards to the Truck Dump work.
Per the Permit you are to have copy should you
be asked by the Dept. of Ecology. If you have any
questions, please call.

BAUGH INDUSTRIAL CONTRACTORS, INC.

Job. No. Code

630 AGT040



By: [Signature]

AGC2H000281

DEPARTMENT OF ECOLOGY

IN THE MATTER OF THE REQUEST BY)	
Bough Industrial Construction, Inc.)	ORDER
FOR TEMPORARY MODIFICATION OF)	No. DE 91-N169
WATER QUALITY STANDARDS)	

TO: Mr. Mark Howell
Baugh Industrial Construction, Inc.
900 Poplar Place S
Box C-14135
Seattle, WA 98114

On March 25, 1991, Baugh Industrial Construction, Inc., agents for Ashgrove Cement West, Inc., submitted a request for temporary modification of the water quality criteria for the Duwamish River, King County, for the purpose of the construction of a 75-foot long sloping tunnel and the dewatering of up to 500,000 gallons per day.

In view of the foregoing and in accordance with RCW 90.48.120(2):

IT IS ORDERED that the water quality criteria specified in WAC 173-201-045(3)(c)(vi) is hereby modified to a distance of 500 feet upstream and downstream for the storm drain outfall for a limited period beginning immediately and terminating at midnight, July 31, 1991.

This modification is subject to the attached conditions.

The department retains continuing jurisdiction to make modifications hereto through supplemental order, if it appears necessary to further protect the public interest during the modification period.

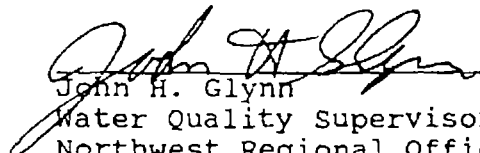
Any person who fails to comply with any provision of this Order shall be liable for a penalty of up to ten thousand dollars for each day of continuing noncompliance.

Or, in lieu of the above, any person feeling aggrieved by this Order may obtain review thereof by application, within thirty (30) days of receipt of this Order, to the Washington Pollution Control Hearings Board, Mail Stop PY 21, Olympia, Washington 98504-8921.

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Concurrently, a copy of the application must be sent to the Department of Ecology, Mail Stop PV-11, Olympia, Washington 98504-8711. These procedures are consistent with the provisions of Chapter 43.21B RCW and the rules and regulations adopted thereunder.

DATED at Bellevue, Washington 24 May 91


John H. Glynn
Water Quality Supervisor
Northwest Regional Office
Department of Ecology
State of Washington

CONDITIONS
Order Docket No. DE 91-N169

Water Quality Modification
Ash Grove Cement Construction Dewatering
Duwamish River

- A) Construction Activities. The construction contractor shall use all reasonable measures to minimize the impacts of construction activity on waters of the state. Water quality constituents of particular concern are turbidity, suspended sediment, settleable solids, oil and grease, and pH. Required mitigation measures include, but are not limited to, the following:
- 1) The contractor shall follow and implement all specifications for erosion and sediment control specified in the contract documents. Adjustments to planned erosion and sediment control may be necessary to successfully control off site movement of material not covered under this modification.
 - 2) The turbidity standards are modified from the project site storm drain outfall to a distance of 500 feet upstream or downstream, dependant on tidal current direction.
 - 3) A time limitation of thirty (30) days.
 - 4) Dewatering water that is not turbid may be discharged directly to the Duwamish River. The discharge outfall shall be designed and operated so as to not cause erosion or scour in the stream channel.
 - 5) Turbid water generated from construction activities, including turbid dewatering water, shall not be discharged directly to the Duwamish River. Temporary sediment traps shall be used to allow the turbid water to settle for a minimum of two hours before discharge. The supernatant or decant water may be discharged to the Duwamish River.

- 6) Temporary sediment traps shall be cleaned out and the settled sediments removed before the traps are removed. Settled sediments shall not be allowed to enter the Duwamish River due to water or runoff flows that may occur after construction is completed.
- 7) Proper erosion and sediment control practices shall be used on the construction site and adjacent areas to prevent upland sediments from entering the stream.
- 8) All areas disturbed or newly created by the project construction will be seeded, riprapped with clean, durable riprap, or given some other equivalent type of protection against erosion.
- 9) Approach material shall be of clean composition and placed in a manner to prevent erosion, and siltation that might result from high water and/or heavy rains.
- 10) All planned sediment and erosion control measures shall be adjusted to meet field conditions at the time of construction.
- 11) Periodic inspection and maintenance of all sediment control structures must be provided. Sediment control measures shall be in working condition at the end of each working day.
- 12) After any significant rainfall, sediment control structures shall be inspected for integrity. Any damaged devices shall be repaired immediately.
- 13) A separate area shall be set aside, which does not have any possibility of draining to surface waters, for the wash out of concrete delivery trucks, pumping equipment, and tools.
- 14) Fresh, uncured concrete in direct contact with the water is toxic to aquatic life. All concrete shall be poured in the dry, or within confined waters not being dewatered, and shall be allowed to cure a minimum of seven (7) days before contact with water.

B) Water Quality. All water discharged from sedimentation ponds shall meet the following criteria:

- 1) Turbidity levels in the receiving stream at all points outside the specified area shall comply with WAC 173-201, Water Quality Standards.
- 2) Oil and grease in effluent, as measured by the partition-gravimetric method (APHA, Standard Methods, 1989, method 5520 B), shall not exceed 10 mg. per liter.
- 3) The pH of effluent must be between 6.5 and 8.5, and must not cause a change of more than 0.2 pH units from Duwamish River background conditions.

C) Monitoring. The following water quality monitoring program shall be implemented:

- 1) A daily grab sample shall be taken from the Duwamish River at a point upstream, dependant upon tidal condition, of the construction site. This sample shall be analyzed for turbidity, settleable solids and pH to determine Duwamish River background conditions.
- 2) A daily grab sample shall be taken from the Duwamish River at a point downstream, dependant upon tidal conditions, of the construction site and the turbid water discharge. The sample location shall be representative of Duwamish River water quality after complete mixing of any turbid water discharge. This sample shall be analyzed for turbidity, settleable solids, oil and grease, and pH to determine the effectiveness and adequacy of the mitigation measures described in section A above.
- 3) All dewatering flows discharged to the Duwamish River shall be measured. A record of discharges shall be kept containing the following information: date, flow rate of dewatering water discharge, time period of discharge.

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Water Quality Modification
Order No. DE 91-N169
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- 4) A report summarizing the results of turbidity, settleable solids, oil and grease, pH, turbid water discharge and stream flow monitoring shall be submitted at the end of the project to the Department of Ecology Northwest Regional Office.
 - 5) Daily values for settleable solids that are more than 0.1 ml. per liter above Duwamish River background conditions shall be reported to the Department of Ecology Northwest Regional Office as soon as possible within normal office hours.
 - 6) Daily values for oil and grease that are more than 10 mg. per liter shall be reported to the Department of Ecology Northwest Regional Office as soon as possible within normal office hours. No visible sheen shall be allowed.
 - 7) Daily values for pH that are outside the range 6.5 to 8.5 shall be reported to the Department of Ecology Northwest Regional Office as soon as possible within normal office hours.
 - 8) The Department may require further sampling and analysis at any time for other constituents.
- D) Spill Prevention and Control.
- 1) Any discharge of oil, fuel or chemicals into state waters, or onto land with a potential for entry into state waters, is prohibited.
 - 2) All oil, fuel or chemical storage tanks shall be diked and located on impervious surfaces so as to prevent spills from escaping to surface waters or ground waters of the state.
 - 3) Fuel hoses, oil drums, oil or fuel transfer valves and fittings, etc., shall be checked regularly for drips or leaks, and shall be maintained and stored properly to prevent spills into state waters. Proper security shall be maintained to prevent vandalism.

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- 4) In the event of a discharge of oil, fuel or chemicals into state waters, or onto land with a potential for entry into state waters, containment and clean-up efforts shall begin immediately and be completed as soon as possible, taking precedence over normal work. Clean-up shall include proper disposal of any spilled material and used clean-up materials.
- 5) No emulsifiers or dispersants are to be used in waters of the state without approval from the Department of Ecology, Northwest Regional Office.
- 6) Spills into state waters, spills onto land with a potential for entry into state waters, or other significant water quality impacts, shall be reported immediately to the Department of Ecology, Northwest Regional Office at 867-7000 (24 hour phone number).

E) Other Requirements.

Copies of this Order shall be kept on the job site and readily available for reference by Ash Grove Cement and Baugh Industrial Contractors personnel, the construction superintendent, construction managers and foremen, and state and local government inspectors.

The Department of Ecology, Northwest Regional Office retains continuing jurisdiction to make modifications hereto through supplemental order, if it appears necessary to protect the public interest during the modification period.

This approval does not relieve the applicant from the responsibility of meeting applicable regulations of other agencies.